



RECEIVED  
N.C. Dept. of EHNR  
NOV 1 1994  
Winston-Salem  
Regional Office

2050 Northpoint Drive • Suite A • Winston-Salem, NC 27106  
(910) 896-1300 FAX (910) 896-1020

**Site Investigation Report for Permanent Closure of U.S.T.  
Petroleum Transport Company, Mount Airy, NC**

GEOSCIENCE & TECHNOLOGY, P.A. (Geosci) was contracted by Mr. Kester Sink of Mount Airy, NC to prepare a Site Investigation Report for Permanent Closure of U.S.T. following the removal of two (2) underground storage tanks (USTs) from his property, which is the site of the former Petroleum Transport Company (PTC). On September 23, 1994, Geosci notified the Winston-Salem regional office of the Division of Environmental Management (WSRO-DEM) of Mr. Sink's intent to permanently close two diesel USTs at 2226 Rockford Road, Mount Airy, NC (Facility ID#0-000692) on October 3, 1994. Both of the 20,000 gallon USTs at this site last contained diesel fuel; however, the tanks may have contained gasoline at some time in the past. Copies of the Notice of Intent form (GW/UST-3) and the Site Investigation Report for Permanent Closure of U.S.T. form (GW/UST-2) are included in Appendix I. The Surry County Fire Marshal was notified by telephone of the intent to remove USTs on September 28, 1994 and a permit to remove the tanks was obtained from the Fire Marshal on September 29, 1994. A copy of this Fire Prevention permit is included in Appendix I.

**SITE DESCRIPTION**

The former PTC facility is located on the northwest side of Highway 601 (a.k.a., Rockford Road), approximately 0.9 miles southwest of the intersection of Hwy 601 and US 52, Mount Airy, NC (Figure 1). A one-story building, which was formerly a truck maintenance facility and now houses a welding shop, is situated approximately 75' from the northwest side of Hwy 601 (Figure 2). The USTs were located approximately 30' southeast of the northeast corner of the building. The subject property is located on the crest of a northwest-southeast trending ridge that slopes toward the floodplain of Stewart's Creek, approximately 0.75 miles to the southeast. Topography

at the site is characterized by a 0 - 1% slope to the southwest. Generalized topography is shown on Figure 1, a portion of the "Mount Airy South" USGS 7.5' topographic map.

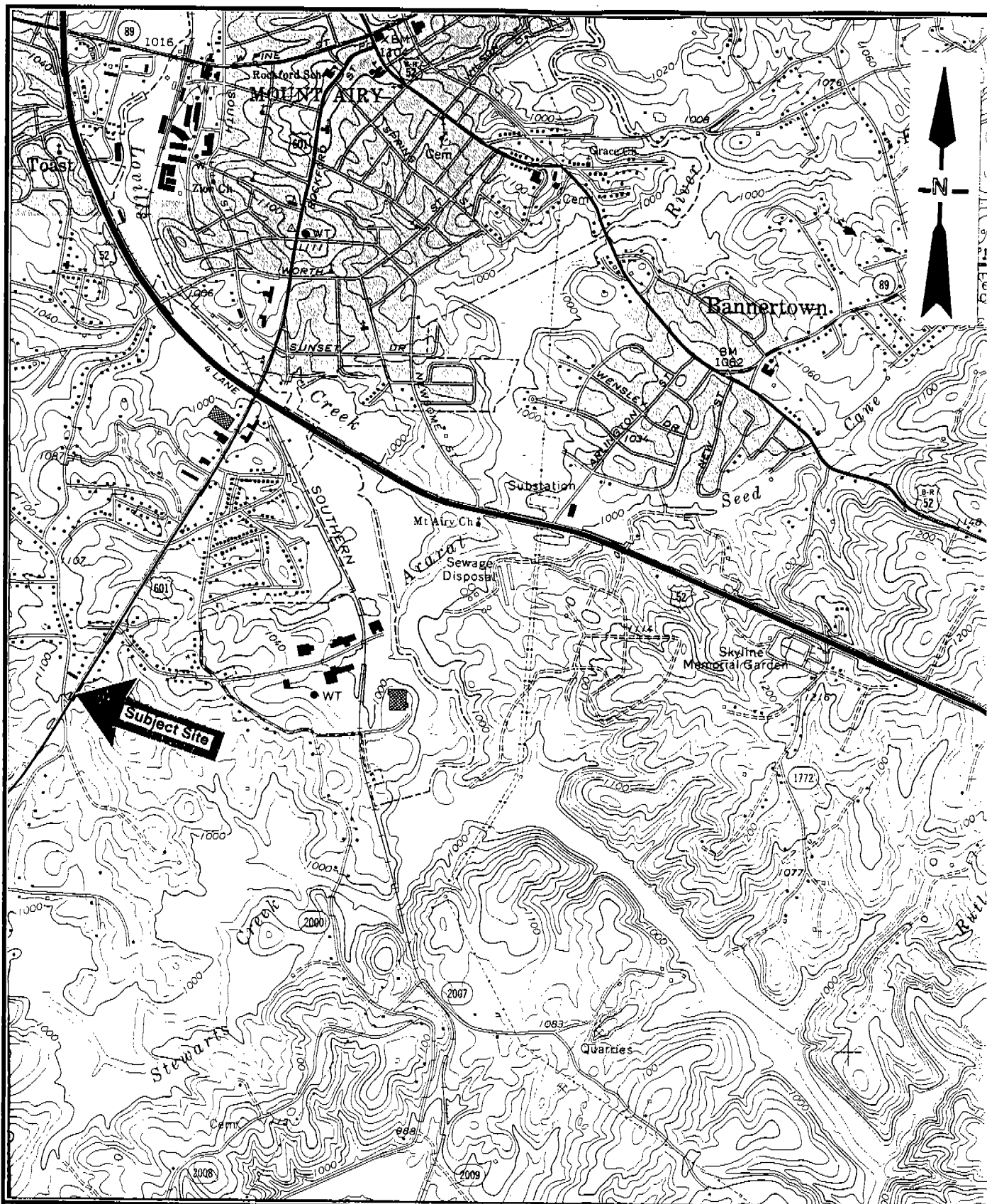
The two USTs were nested beneath asphalt 30' southeast of the northeast corner of the building. A pump island was located approximately 6' to the northeast of the former tank locations. Figure 2 is a detailed site map of the subject property indicating the former location of the two USTs; Figure 3 is a detail of the UST excavation.

### TANK REMOVAL

Removal of the USTs was performed on October 3, 1994 by A & D Environmental Services (A&D) of Archdale, NC. A Geosci representative was on-site to document the proceedings, collect soil samples, and verify that oxygen (O<sub>2</sub>) and lower explosive limit (LEL) levels were within safe ranges prior to removal. Mr. Doug Jones of the Surry County Fire Marshal's office was on-site to witness the proceedings. The dispenser pump had been removed from the pump island some years ago and all but 1" of remaining product had been removed from the USTs. All product piping was disconnected from the USTs and product remaining in the lines and the tanks was vacuumed into a tanker truck prior to excavation. Approximately 2 pounds of dry ice per 100 gallons of tank volume was introduced into the tanks prior to excavation; approximately one hour after introduction of the dry ice, the O<sub>2</sub> concentration in both tanks was less than 8%. O<sub>2</sub> and LEL levels were monitored using a GasTech model 1238 organic vapor analyzer (OVA) and verified by Mr. Jones. An excavation approximately 25' wide by 38' long by 12' deep was required to remove the tanks. No hydrocarbon odors were noted emanating from the excavated area. No water was observed in the excavation.

Following removal, the surfaces of the tanks were cleaned off and visually inspected. Except for some very slight surface corrosion, both tanks appeared to be in excellent condition. Following inspection, the USTs were labeled and delivered to A&D's facility for sludge removal. The tanks were then transported to D.H. Griffin Wrecking Company of Greensboro and were cut up for scrap on October 14, 1994. Copies of the sludge disposal and tank recycling records from A&D are included in Appendix I.

Based on field evidence, i.e.; little to no odors in the soil and very low organic vapor analyzer readings (OVA), the excavated soils were pushed back into the excavation and compacted. Additional clean backfill from the site was used to fill up the excavation.



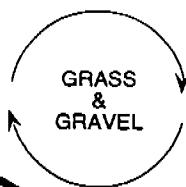
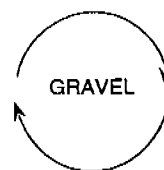
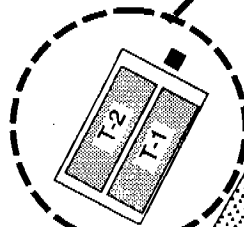
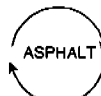
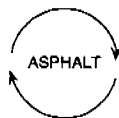
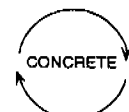
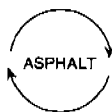
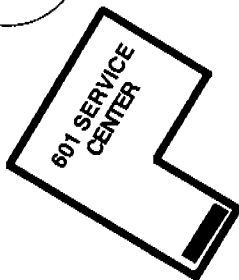
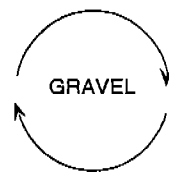
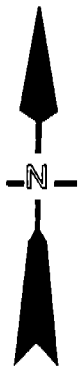
**GeoScience & Technology, P.A.**  
 "Practical Environmental Solutions"  
 Winston-Salem, NC (910) 896-1300

Job #: 94-132  
 App'd: SEM  
 10/21/94

SINK UST: Petroleum Transport  
 Co. Fac. ID#0-000692  
 General Site Location Map  
 Portion of USGS 7.5' "Mount Airy  
 South" Quadrangle

SCALE: 1" = 2000 FEET

Figure 1








See Figure 3 for Detail

To Mount Airy

HWY 601 (ROCKFORD ROAD)

To Dobson

### LEGEND

-  FORMER UST LOCATIONS
-  CONCRETE
-  SAND/GRAVEL
-  GRASS
-  CONCRETE PUMP ISLAND

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Job #: 94-132

App'd: SEM

SINK UST: Petroleum Transport Co. Fac. ID #0-000692

### Detailed Site Map Indicating Former UST locations

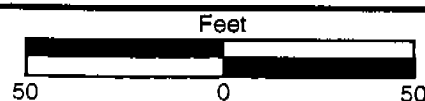
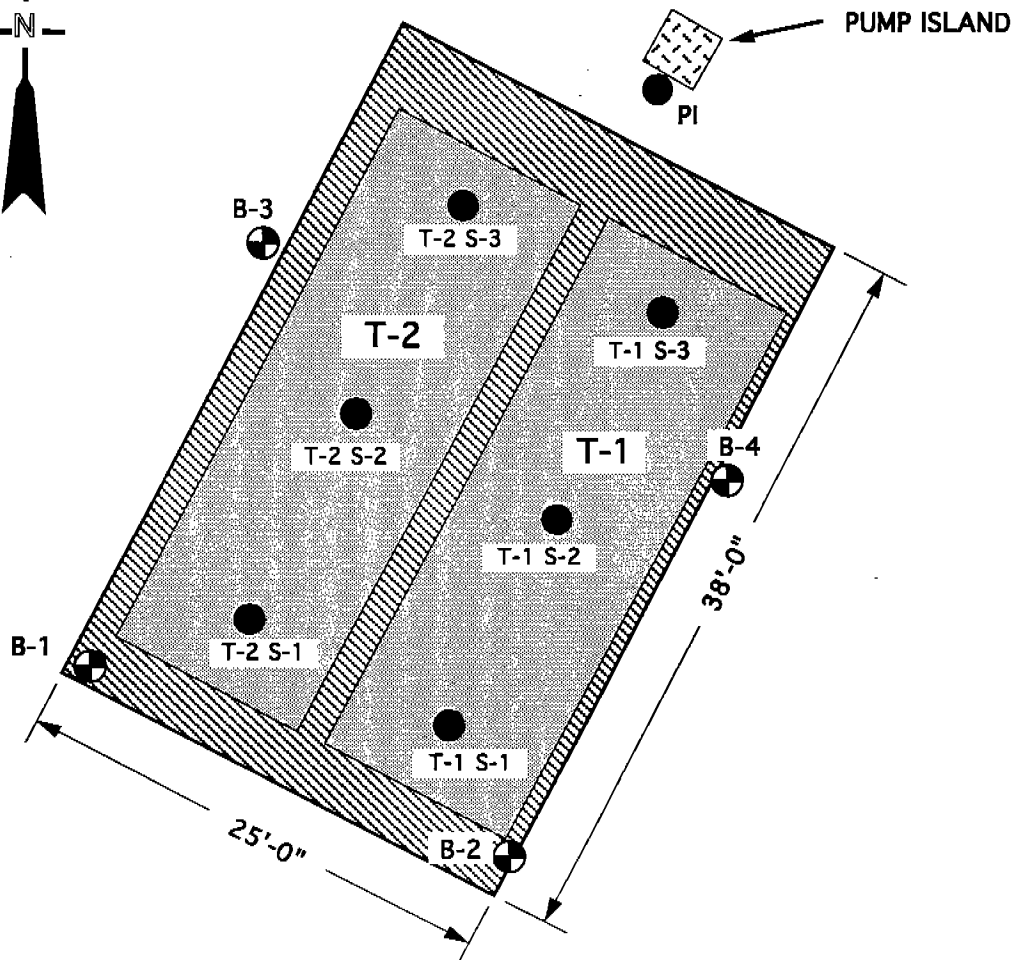
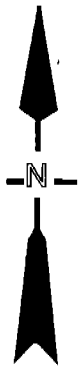







Figure 2



#### UST KEY

T-1 & T-2: 20K gal., gasoline/diesel, 10.5' diam. X 31' long

#### LEGEND

-  FORMER UST LOCATION
-  CONCRETE
-  EXCAVATION
-  SOIL SAMPLE LOCATION
-  SOIL BORING LOCATION

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Job #: 94-132

App'd: SEM

SINK UST: Petroleum Transport Co. Fac. ID #0-000692

**Detail from Figure 2  
 Indicating Soil Sample Locations**

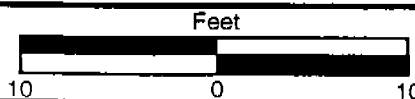


Figure 3

## SOIL SAMPLING

Three soil samples were collected from beneath each tank at a depth of 13' from the surface, or approximately 1.5' below the bottom of the tanks. One sample was collected from beneath the pump island at a depth of 2.5' below the surface. Refer to Figure 3 for a detail of the UST excavation area and the soil sample and boring locations.

All soil samples were obtained from the backhoe bucket; the backhoe operator was careful to clear the sampling area of soil and debris that had fallen in from the sides of the excavation. Samples were obtained from soil that had not come into contact with the sides of the bucket. For each sampling event, the collector wore clean, disposable vinyl gloves to avoid cross-contamination. A portion of each sample was placed in a new disposable plastic bag for field screening with an OVA meter. Immediately after collection, the samples were packed in glass containers with Teflon seals. The sample jars were labeled and placed in an ice-packed cooler for transportation to Research & Analytical Laboratories (R&A) in Kernersville for GC/FID analysis.

Soil samples were also collected as part of a Phase II Environmental Site Assessment on December 2, 1993 from four borings in the vicinity of the two USTs. A Mobile B-57 drill rig was used to install the four borings and split-spoon samples were collected at 5' intervals. For each sampling event, the collector wore clean, disposable vinyl gloves to avoid cross-contamination. A portion of each sample was placed in a new disposable plastic bag for field screening with an OVA meter. One sample from each boring that indicated the highest OVA reading was packed in a glass container with a Teflon seal, labeled and placed in an ice-packed cooler for transportation to Bioremediation Research, Ltd (Biorem) for analysis. The boring locations are indicated on Figure 3.

### Laboratory Results

All soil samples were analyzed by California GC/FID Method with SW-846 Method 5030 (purge and trap) for total petroleum hydrocarbons (TPH) reported as gasoline and by California GC/FID Method with SW-846 Method 3550 (sonication) for TPH reported as diesel fuel. Table I lists the results of field screening (odor and OVA) and laboratory analyses for the 7 soil samples obtained during the UST removal and for the soil samples collected from the borings. Copies of the laboratory results are included as Appendix II.

**Table I: Soil Sample Laboratory Analysis Results**

<b>Sample#</b>	<b>Sample Depth (feet)</b>	<b>Odor</b>	<b>OVA (ppm)</b>	<b>TPH by 5030 (ppm, gasoline)</b>	<b>TPH by 3550 (ppm, Diesel)</b>
T-1 S-1	13	None	2	<10	<20
T-1 S-2	13	None	2	<10	<20
T-1 S-3	13	None	4	<10	<20
T-2 S-1	13	None	16	<10	<20
T-2 S-2	13	None	10	<10	<20
T-2 S-3	13	None	22	<10	<20
PI	2.5	None	12	<10	<20
B-1-5	5	None	10	NA	NA
B-1-10	10	None	15	<10	<10
B-1-15	15	None	8	NA	NA
B-2-5	5	None	6	NA	NA
B-2-10	10	None	8	<10	<10
B-2-15	15	None	6	NA	NA
B-3-5	5	None	10	NA	NA
B-3-10	10	None	18	<10	<10
B-3-15	15	None	6	NA	NA
B-4-5	5	None	<5	NA	NA
B-4-10	10	None	6	<10	<10
B-4-15	15	None	6	NA	NA

### SUMMARY

Standard protocol was followed prior to the removal of the USTs at this site including, filing a GW/UST-3 form, notification of the Surry County Fire Marshal, and lowering of O<sub>2</sub> levels in the tanks prior to excavation. Product remaining in the piping and tanks was vacuumed into a tanker truck prior to removal. Following removal, the USTs were cleaned, inspected, and prepared for transportation to a licensed tank disposal facility. Both USTs appeared to be in excellent condition.

Field screening of soil samples collected from borings performed on the perimeter of the tank pit prior to removal and from beneath the tanks and pump island on the day of the excavation did not indicate that the soils had been adversely impacted. Laboratory analyses of the collected soil samples indicated TPH concentrations below 10 ppm and 20 ppm by methods 5030 and 3550, respectively.

## CONCLUSIONS & RECOMMENDATIONS

Based on observations made in the field during the performance of the tank excavation and the results of methods 5030 and 3550 analyses of soil samples, it appears that the soils beneath the USTs and the pump island at the Petroleum Transport Company facility have not been adversely impacted by petroleum hydrocarbons. Based on the evidence presented herein, Geosci recommends that the site be granted "closure without incident" status.

## LIMITATIONS

This UST closure assessment concerning the two USTs at the former Petroleum Transport Company facility at 2226 Rockford Road, Mount Airy, NC has been performed for the exclusive use of Mr. Kester Sink and the NC Division of Environmental Management. Findings and interpretations are specific to the area of investigation. Project work has been performed in accordance with generally accepted environmental and hydrogeologic practice. Our interpretations are based on observations of surface and subsurface conditions as encountered during our field work and upon information supplied to us. Should further information become available, we reserve the option to change or modify the interpretations herein. No other warranty, expressed or implied, is made.



Geosci is pleased to submit this UST closure assessment on behalf of Mr. Sink. Should you have any questions or desire additional information, please do not hesitate to contact us.


### CERTIFICATION

I hereby certify on this 1<sup>st</sup> day of NOVEMBER, 1994, that this report was prepared by me or under my direct supervision and that to the best of my knowledge all information contained herein is true and accurate.

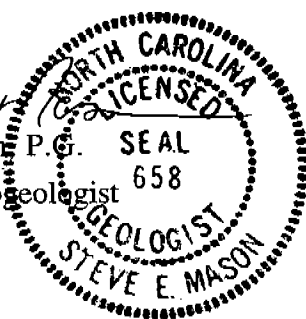
Very truly yours,  
GEOSCIENCE & TECHNOLOGY, P.A.



Peter H. DeVries  
Project Geologist



Steve E. Mason, P.G.  
Principal Hydrogeologist



**Appendix I**

**GW/UST-2 form: Site Investigation for Permanent Closure of U.S.T.**

**GW/UST-3 form: Notice of Intent: UST Permanent Closure**

**Surry County Fire Marshal Permit**

**UST & Sludge Disposal Records**

FOR  
TANKS  
IN  
NC

## Return Completed Form To:

The appropriate DEM Regional Office according to the county of the facility's location.  
[SEE MAP ON REVERSE SIDE OF OWNER'S COPY (PINK) FOR REGIONAL  
OFFICE ADDRESS].

State Use Only

I.D. Number \_\_\_\_\_

Date Received \_\_\_\_\_

## INSTRUCTIONS

Complete and return within (30) days following completion of site investigation.

## I. Ownership of Tank(s)

Owner Name: H. L. & S. A. Hennis Jr., Inc.

Corporation, Individual, Public Agency, or Other Entity)

Street Address: 2226 Rockford St.County: SurryCity: Mt. Airy State: NC Zip Code: 27030Telephone Number: (910) 786-2155

(Area Code)

## II. Location of Tank(s)

Facility Name: Petroleum Transport Co., Inc.

(or Company)

Facility ID # (if available): 0-000692Street Address: 2226 Rockford St.

(or State Road)

County: Surry City: Mt. Airy Zip Code: 27030Telephone Number: (910) 786-8051

(Area Code)

## III. Contact Person

Name: Kester SinkJob Title: Property OwnerTel. No.: 910/786-8051Closure Contractor: AED EnvironmentalAddress: Archdale, NCTel. No.: 910/434-7750Primary Consultant: Geoscience & TechnologyAddress: Winston-Salem, NCTel. No.: 910/896-1300Lab: R & A LaboratoriesAddress: KernersvilleTel. No.: 910/996-2841

## IV. U.S.T. Information

## V. Excavation Condition

## VI. Additional Information Required

Tank No.	Size in Gallons	Tank Dimensions	Last Contents	Water in Excavation		Free Product		Notable Odor or Visible Soil Contamination	
				Yes	No	Yes	No	Yes	No
1	20,000	10.5' d x 31'	diesel		✓		✓		✓
2	"	"	"		✓		✓		✓

See reverse side of pink copy (owner's copy) for additional information required by N.C. - DEM in the written report and sketch.

NOTE: The site assessment portion of the tank closure must be conducted under the supervision of a Professional Engineer or Licensed Geologist. After Jan. 1, 1994, all closure site assessment reports must be signed and sealed by a P.E. or L.G.

## VII. Check List (Check the activities completed)

## PERMANENT CLOSURE (For Removing or Abandoning-in-place)

- ☒ Contact local fire marshal.  
☒ Notify DEM Regional Office before abandonment.  
☒ Drain & flush piping into tank.  
☒ Remove all product and residuals from tank.  
☒ Excavate down to tank.  
☒ Clean and inspect tank.  
☒ Remove drop tube, fill pipe, gauge pipe, vapor recovery tank connections, submersible pumps and other tank fixtures.  
☒ Cap or plug all lines except the vent and fill lines.  
☒ Purge tank of all product & flammable vapors.  
☒ Cut one or more large holes in the tanks.  
☒ Backfill the area.

Date Tank(s) Permanently closed: 10/3/94  
Date of Change-in-Service: \_\_\_\_\_

## ABANDONMENT IN PLACE

- ☐ Fill tank until material overflows tank opening.  
☐ Plug or cap all openings.  
☐ Disconnect and cap or remove vent line.  
☐ Solid inert material used - specify: \_\_\_\_\_

## REMOVAL

- ☐ Create vent hole.  
☒ Label tank.  
☒ Dispose of tank in approved manner.

Final tank destination: D. H. Griffin Wrecking  
Greensboro, NC

## VIII. Certification (Read and Sign)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Print name and official title of owner or owner's authorized representative

Signature

Date Signed

Peter H. Dalves, Project Geologist GeosciPeter H. Dalves10/28/94

GW/UST-3

## Notice of Intent: UST Permanent Closure or Change-In-Service

FOR  
TANKS  
IN  
NC

## Return Completed Form To:

The appropriate DEM Regional Office according to the county of the facility's location. [SEE REVERSE SIDE OF OWNER'S COPY (PINK) FOR REGIONAL OFFICE ADDRESS]

State Use Only

ID Number

Date Received

## INSTRUCTIONS

Complete and return thirty (30) days prior to closure or change-in-service.

## I. OWNERSHIP OF TANK(S)

Tank Owner Name: H.L. & S.A. Dennis, Jr., Inc.

(Corporation, Individual, Public Agency, or Other Entity)

Street Address: 2226 Rockford St.County: SurryCity: Mt. Airy State: NC Zip Code: 27030Tel. No. (Area Code): 910 786-2155

## II. LOCATION OF TANK(S)

Facility Name or Company: Petroleum Transport Co. Inc.Facility ID # (if available): 10-000692Street Address or State Road: 2226 Rockford St.County: Surry City: Mt. Airy Zip Code: 27030Tel. No. (Area Code): 910 786-8051

## III. CONTACT PERSON

Name: Kester SinkJob Title: Property OwnerTelephone Number: (910) 786-8051

## IV. TANK REMOVAL, CLOSURE IN PLACE, CHANGE-IN-SERVICE

1. Contact Local Fire Marshall.
2. Plan the entire closure event.
3. Conduct Site Soil Assessments.
4. If Removing Tanks or Closing in Place refer to API Publications 2015 "Cleaning Petroleum Storage Tanks" & 1604 "Removal & Disposal of Used

- Underground Petroleum Storage Tanks".
5. Provide a sketch locating piping, tanks and soil sampling locations.
6. Fill out form GW/UST-2 "Site Investigation Report for Permanent Closure" and return within 30 days following the site investigation.

7. The site assessment portion of the tank closure must be conducted under the supervision of a Professional Engineer or Licensed Geologist. After January 1, 1994, all closure site assessment reports must be signed and sealed by a P.E. or L.G.
8. Keep closure records for 3 years.

## V. WORK TO BE PERFORMED BY:

(Contractor) Name: A & D Environmental ServicesAddress: 2718 Unharrise Rd, Arcadia State: NCZip Code: 27263Contact: Amy ToddorPhone: (910) 434-7750Primary Consultant: GeoScience & Technology, P.A.Phone: (910) 896-1300

## VI. TANK(S) SCHEDULED FOR CLOSURE OR CHANGE-IN-SERVICE

TANK ID#	TANK CAPACITY	LAST CONTENTS	PROPOSED ACTIVITY		
			CLOSURE	CHANGE-IN-SERVICE	
			Removal	Abandonment In Place	New Contents Stored
<u>1</u>	<u>20,000 gal</u>	<u>Diesel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<u>2</u>	<u>"</u>	<u>"</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	

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SEP 23 1994  
Winston-Salem  
Regional Office

## VII. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

Print name and official title

Peter H. DeVries, Project Geologist

\*Scheduled Removal Date: 10/3/94Signature: Peter H. DeVriesDate Submitted: 9/23/94

\*If scheduled work date changes, notify your appropriate DEM Regional Office 48 hours prior to originally scheduled date.

Office of Fire Marshal  
of  
Surry County  
FIRE PREVENTION PERMIT

Date: 09/29/94

PERMIT NO.  
94-00816

PIN NUMBER  
592933341035-000

Occupant: PETROLEUM TRANS CO INC  
2226 ROCKFORD ST

, NC  
Phone: 910-786-7579

Sq. Footage: 6,960

Bldg Use: Auto Sales, Repairs, Etc.

Applicate: CONTRACTOR  
Name: GEOSCIENCE  
2050 NORTHPOINT DR SUITE  
WNISTON-SALEM, NC 27106-2050  
Phone: - -

Occupancy Type:  
COMMERCIAL  
Fire District:  
FRANKLIN

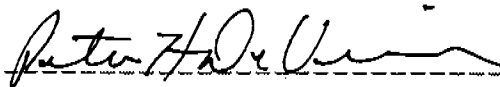
Type of Permit Requested:

Removal of Storage Tanks 0-10,000  
Removal of Storage Tanks 0-10,000  
Removal of Storage Tanks 0-10,000  
Removal of Storage Tanks 0-10,000  
Removal of Storage Tanks 10-50,000  
Removal of Storage Tanks 10-50,000

Permit Validation Date: 9/29/94

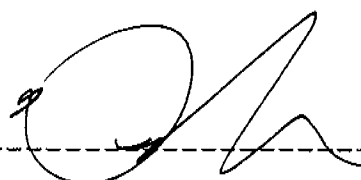
Permit Expiration Date: / /

This permit is hereby granted with the provision that the applicant will act in full accordance with all FEDERAL REGULATIONS, STATE LAWS, ZONING, INSPECTIONS, and other applicable ordinances of Surry County, NC else the permit will be void.

  
-----

Signature of Owner or Authorized Agent

Date: 9/29/94  
-----

  
-----

Signature of Inspector or Authorized Agent

Date: 9/29/94  
-----



# Environmental and Industrial Services

P.O. Box • High Point, NC 27261 • Phone (910) 434-7750 • FAX (910) 434-7752

## TANK DISPOSAL MANIFEST

1) Tank Owner/Authorized Representative: Name and Mailing Address

Mr. Sink  
Highway 601  
High Point, NC

2) Tank Owner/Authorized Representative: Contact

Phone#:

3) Description Of Tanks:

Tank No.	Capacity	Previous Contents	Comments
#1	20,000	fuel oil	
#2	20,000	fuel oil	

4) Tank Owner/Authorized Representative Certification: The undersigned certifies that the above listed storage tanks have been removed from the premises of the tank owner.

Printed/Typed Name

Signature

Month/Day/Year

5) Transporter: The undersigned certifies that the above listed storage tanks have been transported to A&D Environmental and Industrial Services, 2718 Uwharrie Road, Archdale, N.C. 27263.

Printed/Typed Name

Signature

Month/Day/Year

6) Disposal Certification: The undersigned certifies that the above-named storage tank(s) have been cut into scrap pieces and accepted by the metal recycling facility.

Recycling Facility: D.H. Griffin Wrecking Co

Printed/Typed Name

Signature

Month/Day/Year

# A & D Environmental and Industrial Services

Post Office Box 484  
High Point, NC 27261  
(910) 434-7750  
Fax: (910) 434-7752

## NON-HAZARDOUS WASTE MANIFEST

Manifest # 94301

Date: 10-3-94

Generator: Hester Sink  
HWY 601  
MT Airy NC

Phone No: 896-1300

EPA ID No: N/A

Contact: Petrie at Geo

Process which generated waste: UST Removal

I certify that the materials described below are properly described, classified, packaged, marked and labeled, and are in proper condition to be transported in commerce under the applicable regulations of the State, the Environmental Protection Agency and the Department of Transportation. I certify that the waste described below is non-hazardous. I certify that the specific waste was delivered to the carrier named below for legal treatment, storage, or disposal at the site indicated.

Date 10-3-94

Signature \_\_\_\_\_

Description of Waste	Circle Form	Quantity	Circle Units	No.	Container Type
<u>Diesel</u> <u>&amp;</u> <u>Gasoline</u>	<u>Liquid</u> Solid Gas Sludge	<u>370</u>	<u>Gallons</u> Cu. Yards Pounds Tons		

Transporter: A&D Environmental  
PO Box 484  
High Point NC

Unit Numbers: UT-3

Phone No: 910 434-7750

EPA ID No: N/A

Vehicle License Tag Number(s) AT453D

Container: VAC. TRUCK

I certify that the specified waste was transferred in a registered (licensed) vehicle to the disposal treatment, storage, or disposal facility named below and was accepted.

Pick-up Driver's Signature

Date

David Orick

10-3-94

Delivering Driver's Signature

Date

David Orick

10-3-94

Facility: A&D Environmental  
2718 UNHARRIS RD  
High Point NC

Phone No: 910 434 7750

Contact: DAVID Tedden

Handling Method: \_\_\_\_\_

I certify that the Transporter above delivered the specified material to this facility and was accepted and properly handled in the above manner. We are authorized and qualified by the State of \_\_\_\_\_ to handle this material.

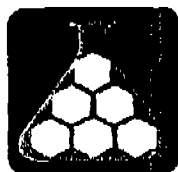
Date: 10/3/94

Signature: Amy L. Jones

**Appendix II**

**Soil Sample Laboratory Analyses Results**





# RESEARCH & ANALYTICAL LABORATORIES, INC.

Analytical/Process Consultations



18 October 1994

Geoscience & Technology  
2050 Northpoint Drive  
Winston-Salem, NC 27106

Attention: Peter H. DeVries

-----  
Project Number: 94.132  
Project Name: SINK UST (PTC)  
-----

<u>Sample Number</u>	<u>Date Taken</u>	<u>Time (hrs)</u>	<u>Station Location</u>	<u>RAL Sample#</u>	<u>EPA* Method</u>	<u>Results (ppm)</u>
T-1 S-1	10/3/94	1145	West End T-1	215967	5030 3550	<10 <20
T-1 S-2	10/3/94	1150	Middle of T-1	215968	5030 3550	<10 <20
T-1 S-3	10/3/94	1155	East End T-1	215969	5030 3550	<10 <20
T-2 S-1	10/3/94	1300	West End T-2	215970	5030 3550	<10 <20
T-2 S-2	10/3/94	1305	Middle of T-2	215971	5030 3550	<10 <20
T-2 S-3	10/3/94	1310	East End T-2	215972	5030 3550	<10 <20
PI	10/3/94	1325	Pump Island	215973	5030 3550	<10 <20

EPA Method 5030 = Total Petroleum Hydrocarbons as Gasoline  
3550 = Total Petroleum Hydrocarbons as Diesel  
< = less than or below detection limits  
ppm = parts per million  
N/A = Not Available

# CHAIN OF CUSTODY RECORD

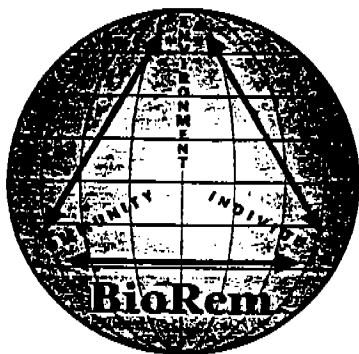
TPH Geosci. DBS

9151-590

[illegible]

REMARKS: Samples from 2-20X diesel tanks, PTC, Mt. Airy Rd

2



# BIOREMEDIATION RESEARCH, LTD.

1720-B VARGRAVE STREET  
WINSTON-SALEM, NC 27107-2297  
919-631-9104  
FAX 919-631-9102

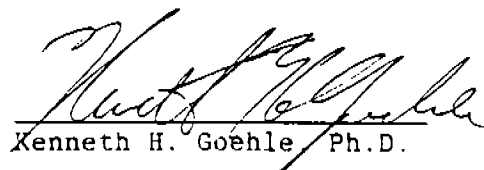
## CERTIFICATE OF ANALYSIS

December 10, 1993

Client: GeoScience & Technology, P.A.  
Project: PTC/601 Svc.

EPA 5030/8015;3550/8015: Volatiles/Semi-volatiles

Client Sample	Lab Sample	TPH(5030)	TPH(3550)
B-1-10	9300985	< 10 ppm	< 10 ppm
B-2-10	9300986	< 10	< 10
B-3-10	9300987	< 10	< 10
B-4-10	9300988	< 10	< 10

  
Kenneth H. Goehle Ph.D.